

Cyber Security Seminar

Sponsored by the Commonwealth Office of Technology

A New Era in Mainstream Cyber Security Threats

by Troy Arwine, Microsoft

When: 10:00-11:30 a.m., Oct. 7, 2008

Where: Commonwealth Data Center, Training Rooms A & B

Troy Arwine is a Security Solutions Specialist for Microsoft State and Local Government. As part of his role, Troy promotes awareness of current and emerging security threats, offers security guidance and assists with obtaining and implementing technology security solutions. Troy's public blog is <http://blogs.technet.com/staysafe> where he blogs about how to protect your family, identity and computers against current and emerging cyber threats and hackers.



Seminar topics:

How to Survive - A New Era in Mainstream Cyber Security Threats

1. Application Security

- Cross Site Scripting & SQL Injection
- Application Firewalls (Layer 7)
- Application & Database Integrated Antimalware
- 3rd party applications and utility patch management
- Buffer Overflows & Secure coding

2. Hardware Attacks

- Drive-By Pharming (SOHO Routers)
- Printer Firmware & PCI Card Viruses
- BIOS & MBR Rootkits
- Cold DRAM Attacks & BitUnlocker

3. Data Privacy & Security

- Data Encryption (File System / Full Volume)
- Rights Management (Policy Enforcement)
- Corporate & Government Espionage & Threats
- Phishing / Spear Phishing